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AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions of claims in the application:

LISTING OF CLAIMS:

1. (CURRENTLY AMENDED) A magnetic head, comprising:
a sensor having an antiparallel (AP) pinned layer structure, wherein the AP pinned layer structure includes at least two pinned layers having magnetic moments that are self-pinned antiparallel to each other, the pinned layers being separated by an AP coupling layer; and
a pair of compression layers positioned towards opposite track edges of the sensor, the compression layers providing compressive stress to the sensor, ~~the compression layers being adapted for enhancing the antiparallel pinning of the pinned layers of the AP-pinned layer structure.~~
2. (ORIGINAL) A head as recited in claim 1, wherein the compression layers are constructed of metal.
3. (ORIGINAL) A head as recited in claim 1, wherein the compression layers are constructed of rhodium.
4. (WITHDRAWN) A head as recited in claim 1, wherein the compression layers are constructed of tantalum.
5. (WITHDRAWN) A head as recited in claim 1, wherein the compression layers are constructed of tungsten.
6. (WITHDRAWN) A head as recited in claim 1, wherein the compression layers are constructed of a dielectric material.